

In the claims:

Presented below are the claims, as amended, with changes entered and not marked.

1 1. (Amended) A method for compressing an electronic message comprising:
2 identifying a block of data within said electronic message which is found in a
3 previous electronic message;
4 generating a pointer identifying said block of data in said previous electronic
5 message; and
6 *5.* replacing said block of data in said electronic message with said pointer.

1 *5.* (Amended) The method as in claim 1 further comprising:
2 transmitting *3.* said electronic message to a data processing device, said data
3 processing device having said previous electronic message stored thereon.

1 *4.* (Amended) The method as in claim *2* further comprising:
2 decompressing said electronic message by inserting said block of data from said
3 previous electronic message into said message.

1 *4.* (Amended) The method as in claim 1 further comprising:
2 identifying said previous electronic message based on characters in a subject field
3 of said message.

1 *6.* (Amended) The method as in claim *4* wherein said characters include text
2 indicating that said electronic message is a response to said previous electronic message.

1 *7.* (Amended) The method as in claim 1 further comprising:
2 compressing said electronic message further using one or more alternate
3 compression techniques.

1 7. (Unchanged) The method as in claim 6 wherein one of said alternate
2 compression techniques comprises:
3 replacing common strings of characters with one or more code words.

(b) (6) 8. (Amended) The method as in claim 3 wherein one of said strings of characters is an electronic mail (email) address domain.

(b) (6) 9. (Amended) The method as in claim 1 further comprising:
2 encoding portions of text in said electronic message not in said block of data
3 using 6-bits per character.

(b) (6) 10. (Amended) The method as in claim 1 wherein said electronic message is an electronic mail (email) message.

(b) (6) 11. (Amended) A system comprising:
2 message identification logic for identifying a previous electronic message which
3 contains a block of data found in a new electronic message;
4 state-based compression logic for compressing said new electronic message by
5 replacing said block of data with a pointer identifying said block of data in said previous
6 electronic message.

(b) (6) 12. (Amended) The system as in claim 11 further comprising:
2 transmission logic for transmitting said new electronic message to a data
3 processing device, said data processing device having said previous electronic message
4 stored thereon.

(b) (6) 13. (Amended) The system as in claim 12 further comprising:
2 decompression logic to decompress said electronic message on said wireless data
3 processing device by inserting said block of data from said previous electronic message
4 into said new electronic message.

(b) (6) 14. (Amended) The system as in claim 11 wherein said message identification logic identifies said previous electronic message based on characters in a subject field of said new electronic message.

(b) (6) 15. (Amended) The system as in claim 14 wherein said characters include text indicating that said new electronic message is a response to said previous electronic message.

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cont

(Amended) The system as in claim 11 further comprising:

one or more alternate compression modules for compressing said new electronic

3. message further using one or more alternate compression techniques.

1. 17. (Unchanged) The system as in claim 16 wherein one of said alternate
2. compression modules comprises:

3. a code word generation module which replaces common strings of characters with
4. one or more code words.

1. 18. (Amended) The system as in claim 17 wherein one of said strings of characters
2. is an electronic mail (email) address domain.

1. 19. (Amended) The system as in claim 18 wherein one of said alternate
2. compression modules comprises a 6-bit text encoding module to encode portions of text
3. in said new electronic message not in said block of data using 6-bits per character.

1. 20. (Amended) The system as in claim 11 wherein said new electronic message is
2. an electronic mail (email) message.

1. 21. (Amended) A method comprising:

2. providing an interface to a message service, said interface compressing messages
3. and forwarding said compressed messages to a data processing device,
4. wherein said interface compresses an electronic message by searching for prior
5. electronic messages transmitted to or received from said data processing device which
6. include a block of data found in said electronic message and replacing said block of data
7. with a pointer to said block of data in said prior electronic messages.

1. 22. (Amended) The method as in claim 21 wherein said electronic message is an
2. electronic mail (email) message.

1. 23. (Amended) The method as in claim 21 further comprising:

2. transmitting said electronic message to a data processing device, said data
3. processing device having said previous electronic message stored.

1. 24. (Amended) The method as in claim 22 further comprising:

2 decompressing said electronic message at said data processing device by inserting
3 said block of data from said previous electronic message into said electronic message.

1 ~~25.~~ (Amended) The method as in claim ~~21~~ wherein said interface identifies said
2 previous electronic message based on characters in a subject message of said electronic
3 message.

1 ~~26.~~ (Amended) The method as in claim ~~25~~ wherein said characters include text
2 indicating that said electronic message is a response to said previous electronic message.

1 ~~27.~~ (Amended) The method as in claim 21 wherein said interface further
2 compresses said electronic message further using one or more alternate compression
3 techniques.

1 28. (Unchanged) The method as in claim 27 wherein one of said alternate
2 compression techniques comprises:

3 replacing common strings of characters with one or more code words.

1 ~~29.~~ (Amended) The method as in claim ~~28~~ wherein one of said strings of
2 characters is an electronic mail (email) address domain.

1 30. (Amended) The method as in claim 21 wherein said interface further
2 compresses said electronic message by encoding portions of text in said electronic
3 message not in said block of data using 6-bits per character.